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PATENT

0508-1121

DT01 Rec'd PCT/PTC 17 DEC 2004

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Jean-Luc GALZI et al.

Conf.

Application No. NEW NATIONAL PHASE

Group

Filed December 17, 2004

Examiner

METHOD FOR ISOLATING AN ALLOSTERIC EFFECTOR OF A RECEPTOR

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION CONCURRENT WITH THE
FILING OF A NEW PATENT APPLICATION)

Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

December 17, 2004

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, and in fulfillment of the duty of disclosure under 37 C.F.R. § 1.56, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- ☐ Copies of the U.S. patents or publications are not submitted since the USPTO has waived their submission for applications filed after June 30, 2003.
- ☒ Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☐ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should have been forwarded from the International Search Authority pursuant to the trilateral agreement between the USPTO, EPO and JPO, or they are U.S. patents or U.S. published applications. If copies are needed, please contact the undersigned.

10/518298

DT01 Rec'd PCT/PTC 17 DEC 2004

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

a. ☐ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached non U.S. patents, non U.S. patent application publications, foreign publications, or other information in the English language do not require a statement of relevancy.

b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☒ **FOREIGN SEARCH REPORT OR ACTION**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. ☒ **OTHER**

The following additional information is provided for the Examiner's consideration.

French Search Report

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned.

Respectfully submitted,

YOUNG & THOMPSON

Benoit Castel

Benoit Castel, Reg. No. 35,041
745 South 23rd Street
Arlington, VA 22202
Telephone (703) 521-2297
Telefax (703) 685-0573
(703) 979-4709

BC/ia

Enclosures: ☒ Form PTO-1449(s)
☒ Documents
☒ Foreign Search Report
☒ Other: French Search Report

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Attorney Docket No.: 0508-1121	Application No.: 807518298
	Applicant: Jean-Luc GALZI et al.	
	Filing Date: December 17, 2004	Group Art Unit:

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	WO 98/55873	12/10/1998	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	PALANCHE TANIE ET AL: "The neurokinin A receptor activates calcium and Camp responses through distinct conformational states." JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 276, no. 37, 14 September 2001 (2001-09-14), pages 34853-34861, XP002241194 ISSN: 0021-9258
	LECAT S ET AL: "Dual responses of the NK2 tachykinin receptor are mediated by multiple conformational states." SOCIETY FOR NEUROSCIENCE ABSTRACTS, vol. 27, no. 1, 2001, page 389 XP001151939 31 st Annual Meeting of the Society for Neuroscience; San Diego, California, USA; November 10-15, 2001 ISSN: 0190-5295
	VOLLMER JEAN-YVES ET AL: "Subcellular compartmentalization of activation and desensitization of responses mediated by NK2 neurokinin receptor." JOURNAL OF BIOLOGICAL CHEMISTRY., vol. 274, no. 53, 31 December 1999 (1999-12-31), pages 37915-37922, XP002241195 ISSN: 0021-9258
	ANGELIDES K J ET AL: "Fluorescence resonance energy transfer on the voltage-dependent sodium channel. Spatial relationship and site coupling between the batrachotoxin and Leiurus quinquestriatus quinquestriatus alpha-scorpion toxin receptors." THE JOURNAL OF BIOLOGICAL CHEMISTRY. UNITED STATES 25 MAY 1984, vol. 259, no. 10, 25 may 1984 (1984-05-25), pages 6117-6126, XP002241196 ISSN: 0021-9258
	PRINCE RICHARD J ET AL: "Acetylcholine and epibatidine binding to muscle acetylcholine receptors distinguish between concerted and uncoupled models." JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 274, no. 28, 9 July 1999 (1999-07-09), pages 19623-19629, XP002241197 ISSN: 0021-9258
	REES STEPHEN ET AL: "GPCR drug discovery through the exploitation of allosteric drug binding sites." RECEPTORS & CHANNELS. ENGLAND 2002, vol. 8, no. 5-6, 2002, pages 261-268, XP008017101 ISSN: 1060-6823
	CROCI T ET AL: "IN VITRO CHARACTERIZATION OF TACHYKININ NK2-RECEPTORS MODULATING MOTOR RESPONSES OF HUMAN COLONIC MUSCLE STRIPS" BRITISH JOURNAL OF PHARMACOLOGY, BASINGSTOKE, HANTS, GB, vol. 124, no. 6, July 1998 (1998-07), pages 1321-1327, XP00937432 ISSN: 0007-1188...
	ILIEU BRIGITTE ET AL: "Fluorescence resonance energy transfer to probe human M1 muscarinic receptor structure and drug binding properties." JOURNAL OF NEUROCHEMISTRY, vol. 85, no. 3, may 2003 (2003-05), pages 768-778, XP002265260 ISSN: 0022-3042

EXAMINER:	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

* English language abstract provided for the Examiner's convenience